

2010-2014 Year Summary

2014 500-Streets

Project	Dept.	G.O. Bond	Municipal State Aid	Special Assessment	G.O. Water Revenue Bond	G.O. Sewer Revenue Bond	Stormwater Revenue	Blue Earth County	Other	Totals
Highland Avenue	E	468,404		275,532	101,029	73,475				918,440
May Street	E	468,207		274,416	100,986	73,444				917,053
North 5th Street	E	418,404		246,159	90,258	65,643				820,464
Belle Avenue	E	418,404		246,159	90,258	65,643				820,464
Warren Street	E	202,531	231,219	255,150	93,555	68,040				850,495
Alley Rehab and Overlay	E	172,150		140,850						313,000
Critical Sidewalks	E	75,000		15,000						90,000
Petition Projects	E	100,000								100,000
Overlay	E	200,000		150,000	25,000	25,000	150,000		50,000 Gen Fund	600,000
Stormwater Outfalls Corrections	E						50,000			50,000
Total		2,523,100	231,219	1,603,266	501,086	371,245	200,000		50,000	5,479,916

CAPITAL IMPROVEMENT PROJECT DESCRIPTION 2010-2014

DEPARTMENT	PROJECT TITLE	CONSTRUCTION YEAR
Engineering	Highland Avenue	2014

Sources of Funding

General Obligation Bond	\$ 468,404
Special Assessment	\$ 275,532
G.O. Water Revenue Bonds	\$ 101,029
G.O. Sewer Revenue Bonds	\$ 73,475
Total Cost	\$ 918,440

PROJECT DESCRIPTION, JUSTIFICATION, SITE REQUIREMENT AND IMPACT

Project Description: Complete reconstruction of Highland Avenue from Cedar Street to Birchwood Street, to include replacement of aging infrastructure and installation of new storm drainage improvements per the storm drain master plan.

Justification: Replacement of aging facilities and drainage improvement

Pavement Rating: Very good to poor

Watermain Condition: Poor

Sewer Condition: Good to fair

Drainage to Streets: Very good to poor

Site Requirements: None

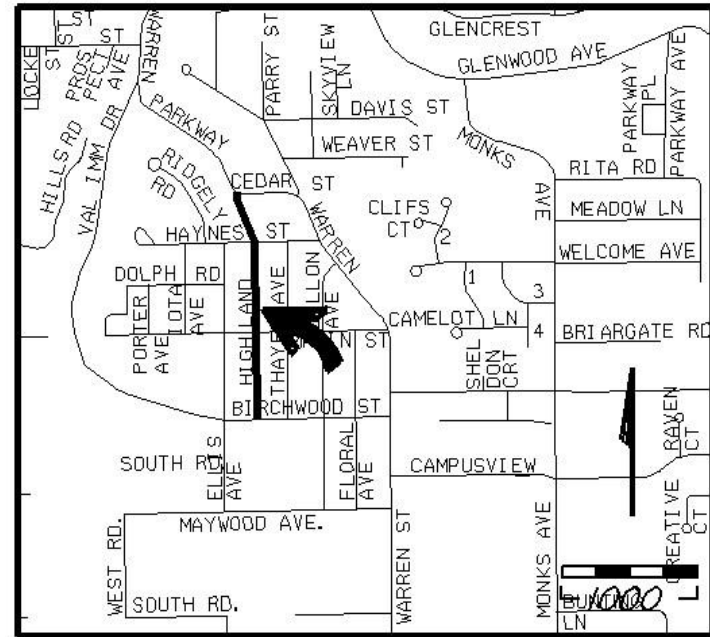
Impact: Neighborhood improvements and reduction of maintenance expenditures.

Planning Commission Comment: None (2008)

Multi-Modal Committee Comment:

Project History: Highland Avenue for many years was part of the direct route to the upper Minnesota State University campus from the lower campus area. This put extreme pressure and extra traffic on this segment of roadway, since it created a shortcut convenient to the campus. Improvements of Val Imm Drive, Highland Avenue hill (now Warren Parkway), Cedar Street, and Warren Street have now reduced the importance of Highland, which we believe should be downgraded to a local street. Improvements to the State Aid Corridors of Birchwood and Val Imm removed traffic pressure from Highland Avenue.

LOCATION AND RELEVANT GRAPHIC DETAILS



CAPITAL IMPROVEMENT PROJECT DESCRIPTION 2010-2014

DEPARTMENT	PROJECT TITLE	CONSTRUCTION YEAR
Engineering	May Street	2014

Sources of Funding

General Obligation Bond	\$ 468,207
Special Assessment	\$ 274,416
G.O. Water Revenue Bonds	\$ 100,986
G.O. Sewer Revenue Bonds	\$ 73,444
Total Cost	\$ 917,053

PROJECT DESCRIPTION, JUSTIFICATION, SITE REQUIREMENT AND IMPACT

Project Description: Complete reconstruction of May Street from Riverfront Drive to North 6th Street, to include replacement of aging infrastructure and installation of new storm drainage improvements per the storm drain master plan.

Justification: Replacement of aging facilities and drainage improvement

Pavement Rating: Good to fair

Watermain Condition: Poor to failing

Sewer Condition: No sanitary mains, just crossings

Drainage to Streets: Fair

Site Requirements: None

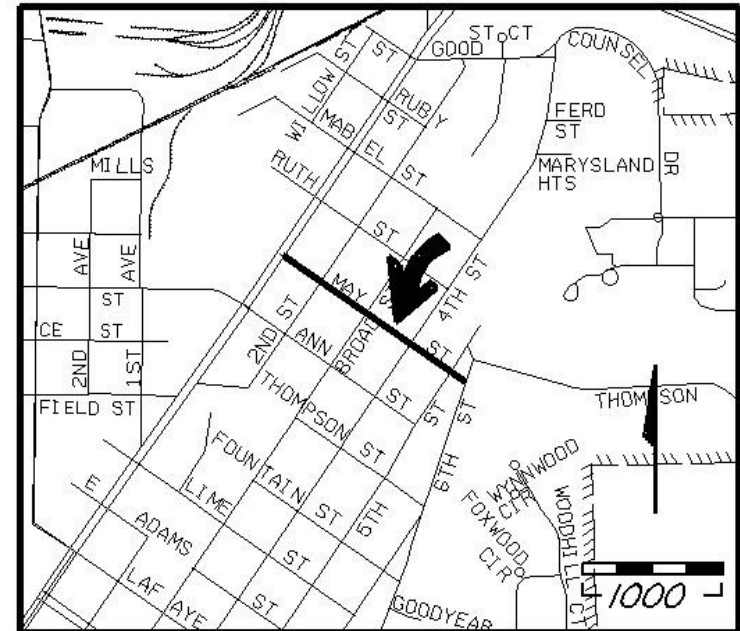
Impact: Neighborhood improvements and reduction of maintenance expenditures.

Planning Commission Comment:

Multi-Modal Committee Comment:

Project History: New project

LOCATION AND RELEVANT GRAPHIC DETAILS



CAPITAL IMPROVEMENT PROJECT DESCRIPTION 2010-2014

DEPARTMENT	PROJECT TITLE	CONSTRUCTION YEAR
Engineering	North 5 th Street	2014

Sources of Funding

General Obligation Bond	\$ 418,404
Special Assessment	\$ 246,159
G.O. Water Revenue Bonds	\$ 90,258
G.O. Sewer Revenue Bonds	\$ 65,643
Total Cost	\$ 820,464

PROJECT DESCRIPTION, JUSTIFICATION, SITE REQUIREMENT AND IMPACT

Project Description: Complete reconstruction of North 5th Street from Washington Street to Madison Avenue, to include replacement of aging infrastructure and installation of new storm drainage improvements per the storm drain master plan.

Justification: Replacement of aging facilities and drainage improvement

Pavement Rating: Very good to fair; poor ride quality

Watermain Condition: Failing

Sewer Condition: Very good to poor

Drainage to Streets: Fair

Site Requirements: None

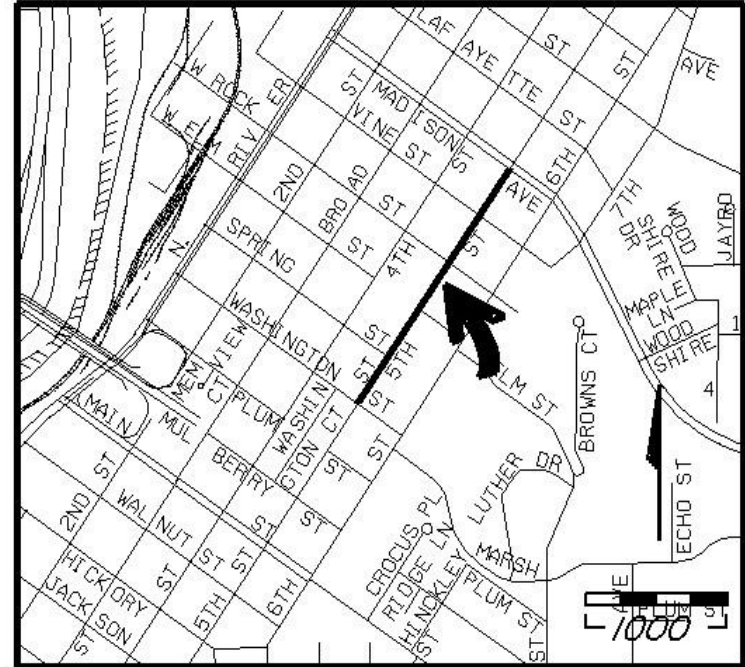
Impact: Neighborhood improvements and reduction of maintenance expenditures.

Planning Commission Comment:

Multi-Modal Committee Comment:

Project History: New project

LOCATION AND RELEVANT GRAPHIC DETAILS



CAPITAL IMPROVEMENT PROJECT DESCRIPTION 2010-2014

DEPARTMENT	PROJECT TITLE	CONSTRUCTION YEAR
Engineering	Belle Avenue	2014

Sources of Funding

General Obligation Bond	\$ 418,404
Special Assessment	\$ 246,159
G.O. Water Revenue Bonds	\$ 90,258
G.O. Sewer Revenue Bonds	\$ 65,643
Total Cost	\$ 820,464

PROJECT DESCRIPTION, JUSTIFICATION, SITE REQUIREMENT AND IMPACT

Project Description: Complete reconstruction of Belle Avenue from Pfau Street to Extension Street, to include replacement of aging infrastructure and installation of new storm drainage improvements per the storm drain master plan.

Justification: Replacement of aging facilities and drainage improvement

Pavement Rating: Good to fair

Watermain Condition: Unrated

Sewer Condition: Poor

Drainage to Streets: Fair

Site Requirements: None

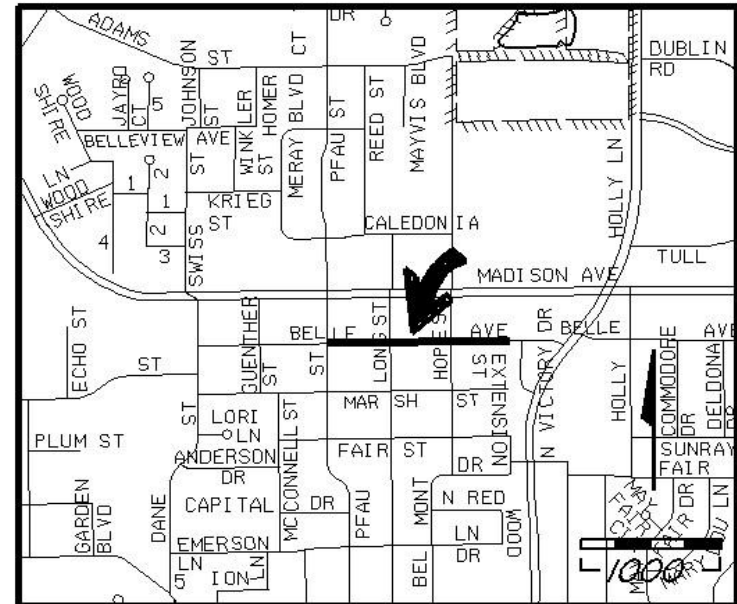
Impact: Neighborhood improvements and reduction of maintenance expenditures.

Planning Commission Comment:

Multi-Modal Committee Comment:

Project History: New project

LOCATION AND RELEVANT GRAPHIC DETAILS



CAPITAL IMPROVEMENT PROJECT DESCRIPTION 2010-2014

DEPARTMENT	PROJECT TITLE	CONSTRUCTION YEAR
Engineering	Warren Street	2014

Sources of Funding

General Obligation Bond	\$ 202,531
Municipal State Aid	\$ 231,219
Special Assessment	\$ 255,150
G.O. Water Revenue Bonds	\$ 93,555
G.O. Sewer Revenue Bonds	\$ 68,040
Total Cost	\$ 850,495

PROJECT DESCRIPTION, JUSTIFICATION, SITE REQUIREMENT AND IMPACT

Project Description: Complete reconstruction of Warren Street from Broad street to Glenwood Avenue, to include replacement of aging infrastructure and installation of new storm drainage improvements per the storm drain master plan.

Justification: Replacement of aging facilities, improving drainage, upgrading sanitary sewer in accordance with the sanitary sewer master plan.

Pavement Rating: Good; poor ride quality

Watermain Condition: Good

Sewer Condition: Poor

Drainage to Streets: Good

Site Requirements: None

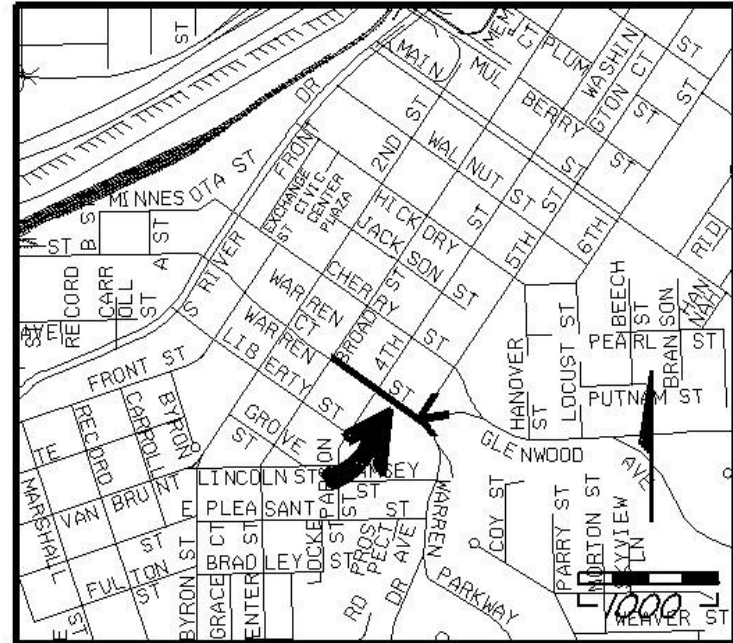
Impact: Neighborhood improvements and reduction of maintenance expenditures.

Planning Commission Comment:

Multi-Modal Committee Comment:

Project History: New project

LOCATION AND RELEVANT GRAPHIC DETAILS



CAPITAL IMPROVEMENT PROJECT DESCRIPTION 2010-2014

DEPARTMENT	PROJECT TITLE	CONSTRUCTION YEAR
Engineering	Alley Rehab and Overlay	2014

Sources of Funding

General Obligation Bond	\$ 172,150
Special Assessment	\$ 140,850
Total Cost	\$ 313,000

PROJECT DESCRIPTION, JUSTIFICATION, SITE REQUIREMENT AND IMPACT

Project Description: Construct and rehabilitate alleys within the city limits as identified in the Alley Master Plan developed by engineering staff

Justification: Replacement of unserviceable surfacing and improving drainage.

Alley 13-379, from Baker to a point 735 feet west of Baker between West 8th and West 9th
Pavement Rating: Good
Drainage to Streets: Fair

Alley 24-207, from Parkview to Dell between Oak Knoll and Ridgewood
Pavement Rating: Very poor
Drainage to Streets: Very poor

Alley 13-379, from West 8th to West 9th between Baker and Owatonna
Pavement Rating: Fair to poor
Drainage to Streets: Poor

Alley 24-201, from Oak Knoll to Ridgewood between Baker and Shadywood
Pavement Rating: Very poor
Drainage to Streets: Very Poor

Alley 13-351, from Woodland to Carney between Blue Earth and West 8th
Pavement Rating: Gravel
Drainage to Streets: Poor

Alley 13-355, from West 8th to West 9th between Hazel and Tile
Pavement Rating: Gravel
Drainage to Streets: Poor

Alley 13-354, from west 8th to West 9th between Carney and Hazel
Pavement Rating: Gravel
Drainage to Streets: Poor

Alley 13-358, from West 9th to Moreland between Hazel and tile
Pavement Rating: Good
Drainage to Streets: Fair

Alley 13-357, from West 9th to Moreland between Carney and Hazel
Pavement Rating: Gravel
Drainage to Streets: Poor

Site Requirements: None

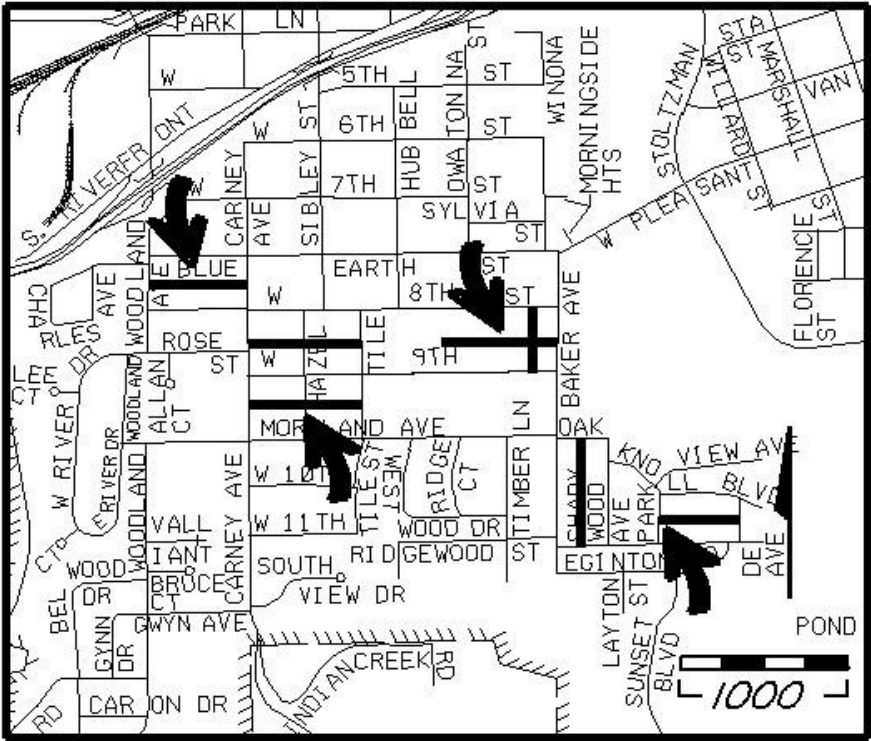
Impact: Neighborhood improvements and reduction of maintenance expenditures.

Planning Commission Comment:

Multi-Modal Committee Comment:

Project History: Engineering staff was directed to come up with an Alley Master Plan to address continual long-term maintenance issues with poor alley surfacing conditions and eliminate unsurfaced alleys. In 2009, staff completed the master plan and began its implementation.

LOCATION AND RELEVANT GRAPHIC DETAILS



CAPITAL IMPROVEMENT PROJECT DESCRIPTION 2010-2014

DEPARTMENT	PROJECT TITLE	CONSTRUCTION YEAR
Engineering	Critical Links Sidewalk Program	2014

Sources of Funding

G.O. Bond	\$75,000
Special Assessment	<u>\$15,000</u>
Total Cost	\$90,000

Correspondence from the Kennedy School area, where many of the ordinance links were constructed in the last several years, made it obvious the missing links now are the unsafe portions of the project. Since the year 2000, District 77 was forced by budget cuts to further reduce busing in the area and elementary students within one mile and high school students within two miles of the school are encouraged to walk. This situation further exacerbates the identified problem. Applied for Safe Routes to School Grants for 2007, 2008.

PROJECT DESCRIPTION, JUSTIFICATION, SITE REQUIREMENT AND IMPACT

Project Description: Construct 5-foot concrete walks within 2 miles of schools in Mankato according to the sidewalk ordinance and 5-foot walkways with pedestrian accessibility ramps located within the walking radius of Mankato public schools District 77.

Justification: Improve pedestrian safety in school areas.

Site Requirements: Located within existing rights-of-way.

Impact: Maintenance obligations: Property owners will be asked to maintain more sidewalks in these nonexistent sidewalk areas so that peoples and students will not be asked to walk in the street and have a safe refuge year-round as they move to school and playground sites.

Planning Commission Comment: None (2008)

Multi-Modal Committee Comment:

Project History: Mankato has, since the 1950s, suffered from a lack of sidewalks when the policy was changed not requiring sidewalks to be installed when houses were built. In 1985, the City Council instructed us to make sure that sidewalks went in and were proposed on all reconstructions, with minimal exceptions. That concept was enforced. In 1996, after years of agonizing study, the City Council adopted a sidewalk ordinance identifying missing links in the system, and determined that all new construction and reconstruction would incorporate sidewalks in accordance with the ordinance. Determined Councils since that date have accommodated 100% of those walkways; however, we are now faced with a series of obvious missing links in the system where safe routes to school terminate at certain locations and then start again when the routes hit the district properties. Parent/teacher organizations and campus safety staffs have identified these risk areas and have encouraged us to install these missing links.

CAPITAL IMPROVEMENT PROJECT DESCRIPTION 2010-2014

DEPARTMENT	PROJECT TITLE	CONSTRUCTION YEAR
Engineering	Petition Projects	2014

Sources of Funding

General Obligation Bond

\$ 100,000

Total Cost

\$ 100,000

PROJECT DESCRIPTION, JUSTIFICATION, SITE REQUIREMENT AND IMPACT

Project Description: Miscellaneous Improvements requested from property owners that may have some General Obligation funding, such as:

Alley surfacing petitions other than Alley Rehab Program

Street resurfacing petitions other than in the Resurfacing Program

Subdivision development that may have pipe oversizing city share

Justification: Each petitioned improvement may be ordered based upon its own merits and availability of General Obligation funding. If General Obligation funding is not available, or is greater than \$100,000, the project may be incorporated into future CIP years.

Site Requirements: As may be required on individual project requests

Impact: City financing limited to \$100,000 annual share

Planning Commission Comment: None (2008)

Multi-Modal Committee Comment:

Project History: None

CAPITAL IMPROVEMENT PROJECT DESCRIPTION 2010-2014

DEPARTMENT	PROJECT TITLE	CONSTRUCTION YEAR
Engineering Public Works	Overlays 2014	2014

Sources of Funding

General Obligation Bond	\$200,000
Special Assessment	\$150,000
G.O. Water Revenue Bond	\$25,000
G.O. Sewer Revenue Bond	\$25,000
Stormwater Revenue	\$150,000
Other	<u>\$ 50,000</u>
Total Cost	\$600,000

PROJECT DESCRIPTION, JUSTIFICATION, SITE REQUIREMENT AND IMPACT

Project Description: Provide 2" mill and overlay to the listed streets to restore surface and improve rideability.

Justification: Selected streets have deteriorated to the point where major maintenance is required to increase service life.

Site Requirements: None

Impact: Improved surface conditions, rideability and increased service life for the selected streets.

Planning Commission Comment:

Multi-Modal Committee Comment:

Project History: This is an annual coordinated project between Public Works and Engineering staff to address maintenance issues with regard to surface conditions on streets.

CAPITAL IMPROVEMENT PROJECT DESCRIPTION 2010-2014

DEPARTMENT	PROJECT TITLE	CONSTRUCTION YEAR
Engineering	Stormwater Outfalls Corrections	2014

Sources of Funding

Stormwater Revenue	\$ 50,000
Total Cost	\$ 50,000

PROJECT DESCRIPTION, JUSTIFICATION, SITE REQUIREMENT AND IMPACT

Project Description: Study erosion in Barnes Ravine and MSU athletic fields runoff

Justification:

Watermain Condition: N/A

Sewer Condition: OK

Drainage to Streets:

Site Requirements:

Impact: Stabilize creek

Planning Commission Comment: None (2008)

Multi-Modal Committee Comment:

PROJECT HISTORY

LOCATION AND RELEVANT GRAPHIC DETAILS